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SOURCE Newspapers and periodical as indicated.

NEW METAL PLANT BEING BUILT

RAW STEEL DATA AT PLANT CEREMONIES -- Die Wirtschaft, No 9, 2 Mar 50

Construction was started 2 months ago on a new steel and rolling mill at Brandenburg-Havel. The plant is to contain ten open-hearth furnaces, each with a 100-ton capacity. The first furnace, together with its battery of four generators, is to be finished by 1 June and is to go into operation 2 months later. By the end of 1950, four furnaces are to be in operation, while the plant is to be entirely completed and in full operation by 1 November 1951. The annual capacity of the completed plant is to be 500,000 tons of steel, and the personnel is to number 2,000.

At the cornerstone-laying ceremonies on 15 February, Minister of Industry Fritz Selbmann stated that pig-iron production of Soviet Zone Germany had doubled since 1946, while the increase in the production of raw steel was even more remarkable, the output having increased from 200,000 tons in 1946 to 700,000 tons in 1949.

According to the plan, 1950 production is to reach 1,250,000 tons, including shaped steel. At the same time, the number of open-hearth furnaces in the zone has been increased from 8 to 24, and 35 more are to be added in 1950. Whereas there were only six rolling mill trains in the zone in 1946, there were 28 in 1949. By the end of 1950, there will be 34. The output of rolled steel products has increased proportionally, from 122,000 tons in 1946 to 520,000 tons in 1949, while the 1950 plan calls for a production of 930,000 tons.

MOVE BORSIG BOILERWORKS TO EAST BERLIN -- Die Wirtschaft, No 9, 2 Mar 50

The Borsig Boilerworks in Berlin-Tegel (French Sector), which have been inoperative and are being dismantled by the French, are currently being rebuilt in the Soviet Sector, at Berlin-Wilhelmsruh, on the grounds of the former Bergmann Works. This latter plant covered 133,155 square meters and was 93 percent destroyed by Allied bombings during the war. An intensive

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clearing and rebuilding program has put 62,591 square meters, or 47 percent of the area, back into use by February 1950, while it is planned to have the new Bergmann-Borsig Works exceed the size of the prewar installation, with production covering all fields from boilers to giant turbines and generators. The number of employees has risen from 750 in the last quarter of 1948 to nearly 2,000, while the equipment of the plant has also increased. During the last quarter of 1949, the number of turret lathes increased from 24 to 33, drilling machines from 56 to 82, and welding machines from 11 to 29.

The mechanical equipment of the new plant has reached the state where the program for repairing the Berlin power plants can be augmented by new production. Two new boilers will be built for the Berlin-Klingenberg power station, and turbines will be constructed for power stations in Eastern Germany. The plant is also participating, together with the firms of Ziehl-Abegg, Berlin, and LEW, Hennigsdorf, in the program for repairing the motors of the Berlin streetcars.

PLANT INSTALLS GRATE COOLER -- Der Volksbetrieb, No 12, Dec 49

The Babcock-Wilcox tube boiler at the Rietschen Silica and Fire Clay Plant has a heating area of 235 square meters and a grate area of 7.5 square meters. The movable grate has 3,200 grate bars. The grate was originally built for firing with black pea coal, but since this type of coal is not available, lignite briquettes have had to be used instead, which has caused increased wear on the grate.

A grate cooler has been installed which reduces the wearing out of grate bars from 60 to two or three per day.

BUILDS COILING MACHINES FOR FINE WIRES -- Die Wirtschaft, No 9, 2 Mar 50

The firm of Adolf Kandulla, Berlin-Koepenick, has been building coiling machines for fine wire since 1915. These machines are easy to operate, well constructed, and particularly suitable for the radio and electrical industries.

The firm had to suspend production during the war, and later started building simple, manually operated machines. In 1948, production was badly hampered by the laborious method of raw materials allocation, so that production had to be carried out from the materials in stock.

Since then, critical materials such as ball bearings have been allocated to the plant, and it is now producing the prewar-type machines again. They will be exhibited at the Leipzig Trade Fair in the spring. The plant will exhibit eight different types, among them a machine for winding relay coils. Among the other machines to be shown are machines for winding transformer coils, chokes, and cross coils. Some of the machines are completely automatic.

The special design of the friction plate drive and the adjustable stops, and the two completely independent settings of the machines, turn them into universal coiling machines.

The plant is now ready to fill all orders in a short time.

SPRING FACTORY FULFILLS 2-YEAR PLAN -- Taegliche Rundschau, No 85, 12 Apr 50

The people-owned LOWA Spring Factory in Zittau was the first plant in East Sachsen to complete the Two-Year Plan.

Since the plan was instituted, the factory's operations have increased by 67 percent, resulting in a 33-percent reduction in production costs.

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3D SIEMENS-MARTIN FURNACE IN OPERATION -- Volksstimme, No 76, 30 Mar 50

The people-owned Iron and Steel Plant in Groeditz, Sachsen, has placed the third Siemens-Martin furnace in operation. The furnace has a capacity of 40 tons.

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